

PROJECT TITLE : PROJECT LEAR, CIGARETTE PROTOTYPES
PERIOD COVERED : APRIL 17 - MAY 21 1981
WRITTEN BY : Borgognon-D. (DIB)

During the period covered by the report, 4 control cigarettes and 4 trial cigarettes were made according to plan.

1. Control Cigarettes

1.1. LEAR 0-17-7

This cigarette was produced with 100% untreated special Burley. It uses a special leaf-formula selected by Mr Karle for the LEAR Burley strip denitration. The Burley tobacco was only humidified with the Mallet and was then cut (1).

1.2. LEAR 0-17-4

This cigarette was made with 100% current Burley tobacco which had undergone Burley treatment (2). The Burley tobacco was not denitrated.

1.3. LEAR 0-17-1

This is a MLK-cigarette with Burley treatment. The pre-cutting solution was applied to all the components apart from the Burley, the expanded stems and the expanded strips. The after cut solution was applied to all the tobaccos (1 + 3).

1.4. LEAR 0-17-6

For this cigarette 100% treated special Burley was utilized. It uses the same leaf-formula as the cigarette LEAR 0-17-7, but the tobacco underwent Burley treatment (1 + 2 + 3).

2. Trial Cigarettes

2.1. LEAR 1-17-4

The cigarette was manufactured with 100% extracted and re-applied Burley without denitration (1 + 2). The Burley tobacco underwent Burley treatment (2).

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2.2. LEAR 2-17-3

This cigarette was produced with 100% extracted, fermented and re-applied Burley, without Burley treatment. The tobacco was humidified and cut.

2.3. LEAR 1-17-1

This cigarette is a MLK with extracted and re-applied Burley. It underwent the same treatment as LEAR 0-17-1.

2.4. LEAR 2-17-2

This cigarette is also a MLK, but with extracted, fermented and re-applied Burley without Burley treatment. The pre-cutting solution was applied to all the components apart from the Burley, the expanded stems and the expanded strips. The after-cut solution was applied to all the tobaccos (1 + 3).

3. Cutting of the Tobacco

The cutting of the tobacco for all these cigarettes was carried out in a small cutting machine for microfilm. For the future trials, a KTF production cutting machine will be used.

4. REFERENCES

1. Ruf-C "P-V de la séance de planification du projet LEAR"
(March 4 1981)
2. Borgognon-D Monthly report (April 1981)
3. Borgognon-D Notebook 79104 p 42 - 46

D. Borgognan

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